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Certificate of Analysis

Product	30792 - Chloroform for HPLC & UV Spectroscopy, 99.8% - [67-66-3]
Batch No	4961013
Analysis Date	10-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	CHCl ₃
Molecular Weight	119.38

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.8%	99.91%
Density (g/ml) @ 20°C	1.475-1.479	1.478
Refractive Index (20°C)	1.444-1.445	1.444
Boiling Range	61-62°C	61-62°C
Non Volatile Matter	max. 0.0005%	0.0001%
Acidity (HCl)	max. 0.0005%	0.0002%
Free Chlorine (Cl)	max. 0.0005%	Passes
Water (KF)	max. 0.01%	0.009%
%T (Transmission) in a 1cm cell v/s H ₂ O		.
@245nm	≥10	13
@250nm	≥35	46
@255nm	≥70	76
@260nm	≥85	91
@270nm	≥95	100
@280-400nm	≥99	100

FRM/82/11/2/30792 Rev No. 1 Date 01/11/2015

Prepared by **DRathod**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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